ABSTRACT:

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The present invention is a data formatting method for data in a digital communication network. The first step in the method is to identify a predetermined number of blocks in the data stream, each block including several data values. The blocks are shuffled by skipping a number of blocks of the input data between consecutive blocks of transmitted data and periodically resetting the skip pointer to transmit the skipped blocks as a part of a later skip operation. The shuffled blocks are then transmitted through the network and reordered again at the other side to recreate the original data stream. Others blocks are similarly reordered and transmitted. The shuffling of the blocks of data reduces self-similarity in the data while maintaining local order.